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1, 3, 5, 7

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1923

204,365 COMPLETE SPECIFICATION

3 figs. spec.

1. SHEET

combn Sink Cleaner

[This Drawing is a reproduction of the Original on a reduced scale.]

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British #

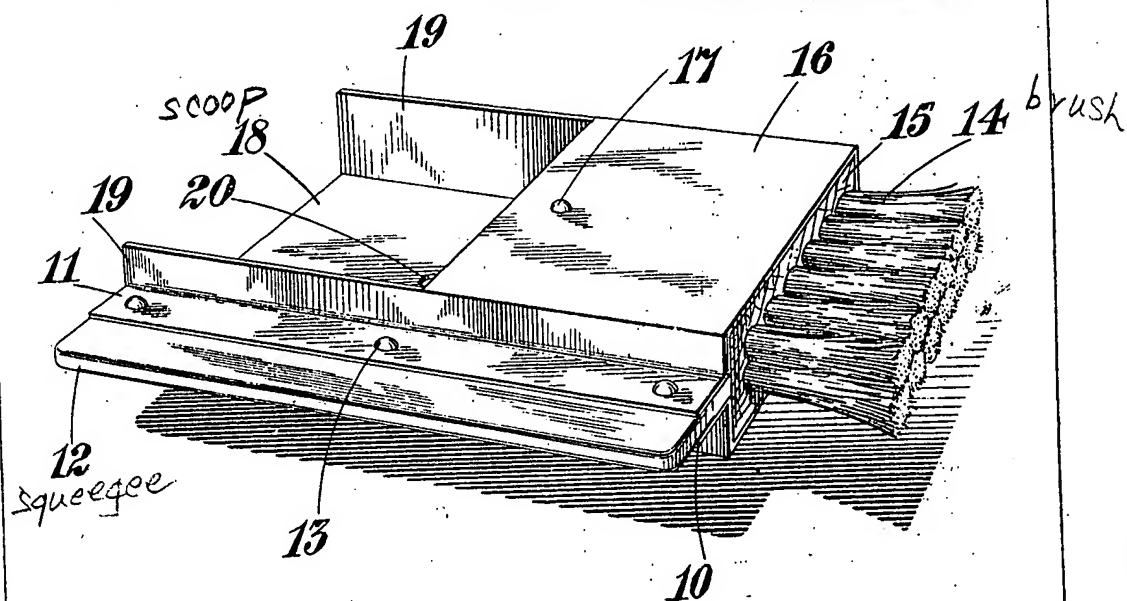
204,365

Date

Oct. 1, 1923

Name

Lambert



## PROVISIONAL SPECIFICATION.

## An Improved Device for Cleaning Sinks and the like.

We, CHARLES PERCY LAMBERT, British subject, of 70, Lowlands Road, Harrow, Middlesex, and DAVID ALLAN HAMILTON, British subject, of 67, King's Road, Leytonstone, Essex, do hereby declare the nature of this invention to be as follows:—

This invention has for its object to provide an improved domestic utensil which is particularly useful for cleaning sinks, although it may be used for various other purposes.

According to this invention, the improved utensil comprises as a single unit, the combination of a brush, a squeegee and a scoop or equivalent device. The operations of cleaning a sink or the like are much facilitated by the use of this utensil, in that the refuse can be first collected together by means of the brush and squeegee, and can be readily lifted by the scoop to deposit it in the sink-basket, and if desired the squeegee can be used for finally drying the cleared surface.

Utensils according to this invention can be constructed in various ways either of wood or metal. In a preferred embodiment of the invention, there is provided an oblong sheet metal casing formed by bending a single sheet, the two edges of the sheet which are brought into juxtaposition with one another being arranged to lie at one side of the casing. These margins are bent parallel to one another, and a sheet of rubber or other suitable material to constitute the squeegee is gripped by one of its edges between the two said parallel margins and secured therein by riveting or in any other convenient manner. The squeegee thus lies along one side of the casing conveniently at about the middle of the depth of that side.

A brush of any convenient construction, is secured in the open end of the

[Price 1/-]

casing; conveniently, the bristles are secured in a wooden body in the usual manner, which wooden body is inserted in the end of the casing and constitutes a closure. It is retained in position by indenting the sheet metal, or in any other convenient manner.

In the opposite end from the brush there is provided a scoop or equivalent member. In one construction, this scoop is made to slide within the casing, the scoop being constituted by a flat bottom and two side walls which are of such dimensions as to slide easily inside the casing. A projection or handle secured on the scoop extends through a convenient slot in the casing to provide for the easy projection or withdrawal of the scoop. This end of the casing may be closed by a plate extending from that wall of the casing which is opposite the bottom of the scoop so as to provide a scraper to make the scoop self-cleaning by the operation of withdrawing it into the casing.

Obviously, various modifications can be made in the details of the construction. Thus, for example, instead of a sheet metal casing, it could be constituted by a block of wood where to the bristles and the squeegee are attached, and the scoop could also be permanently secured thereon or could be arranged to slide on the outside of the block, by bending its edge to embrace the edges of the block, or by providing suitable guides for it.

In another modification, the scoop is not movable on the body of the utensil, but is constituted by cutting away the top or bottom of the oblong sheet metal casing say, for about one-half its length so as to leave a channel-shaped scoop at the end opposite to the end in which the brush is secured.

Further, it will be understood that instead of providing a scoop, any equivalent

lent member such as a blade, that is to say, a plain sheet without the side walls, could be used if so desired.

- The utensil may be provided with a handle in any convenient position for facilitating its manipulation, although preferably it is constructed of such a size that the body can be grasped between the thumb and fingers for its operation. In

this case it may be provided with an opening or openings in some part of the casing whereby it can be hung up or to receive a cord for the same purpose.

Dated this 1st day of June, 1922.

BOULT, WADE & TENNANT,

111 & 112, Hatton Garden, London,

E.C. 1,

Chartered Patent Agents.

## COMPLETE SPECIFICATION.

### An Improved Device for Cleaning Sinks and the like.

We, CHARLES PERCY LAMBERT, British subject, of 70, Lowlands Road, Harrow, Middlesex, and DAVID ALLAN HAMILTON, British subject, of 67, King's Road, Leytonstone, Essex, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention has for its object to provide an improved domestic utensil which is particularly useful for cleaning sinks, although it may be used for various other purposes.

According to this invention, the improved utensil comprises in a single unit but as three distinct members, the combination of a brush, a squeegee and a scoop or equivalent device. The operations of cleaning a sink or the like are much facilitated by the use of this utensil, in that the refuse can be first collected together by means of the brush and squeegee, and can be readily lifted by the scoop to deposit it in the sink-basket, and if desired the squeegee can be used for finally drying the cleared surface.

Utensils according to this invention can be constructed in various ways either of wood or metal.

In the accompanying drawing which illustrates a preferred embodiment of the invention, there is provided an oblong sheet-metal casing, which is conveniently formed by bending a single sheet so that two of its edges 10, 11 are brought into juxtaposition with one another at one side of the casing; the marginal portions of these edges are arranged parallel with one another, and a sheet of rubber 12 or other suitable material to constitute a squeegee is gripped by one of its edges between the said two parallel margins 10, 11, being secured thereto as by rivets 13 or in any other convenient manner. The squeegee thus lies along one side of the casing at about the middle of the depth of that side.

A brush of any convenient construction is mounted in one end of the casing; in the construction illustrated the bunches of bristles 14 are mounted in the usual manner in a block of wood 15, and this block is inserted in the end of the casing and constitutes a closure therefor. The block 15 may be retained in position by indenting the sheet-metal casing 16, or by means of a rivet 17 or in any other convenient manner. At the opposite end of the casing from the brush 14, 15, one wall of the casing is cut away so as to provide a scoop constituted by the bottom 18 and sides 19 of the casing.

Instead of the construction illustrated, a scoop may be arranged to slide within the casing, this scoop being constituted by a flat bottom and two side walls which are of suitable dimensions to enter the casing. A handle on the scoop may extend through a convenient slot in the casing to provide for its easy projection and withdrawal. With this arrangement, the scoop may be made self-cleaning by providing on the end of the casing a plate which closes that end except for a slot through which the scoop itself passes; this plate constitutes a scraper which will remove refuse from the scoop when the latter is withdrawn into the casing.

Instead of making the utensil of sheet-metal as hereinbefore described, it may be made of any other desired material. Thus, for example, it can conveniently be made of a suitably hard wood, in which case the bristles are secured directly in the end of the block, the other end of the block is cut out to a channel formation to constitute the scoop, and the rubber or like squeegee member is fixed in a suitable slot in any convenient position. Also instead of making it entirely of wood the major portion of the utensil could be made of wood, with a metallic scoop affixed to or mounted on it in any suitable manner.

Instead of using a channel-shaped

scoop, a blade-like member can be used to fulfil the same purpose if so desired. The utensil may be provided with a handle in any convenient position for facilitating its manipulation, or it may be made of such a size that it can conveniently be grasped in the hand. It may also be provided with an opening whereby it can be hung up when not in use, or to receive a cord for the same purpose.

We are aware that it has been proposed to provide for attachment to the back of an ordinary scrubbing brush a scraper comprising two triangular closed sides meeting along a forwardly-situated edge to produce a double-edged scraper, and also to make such scraper of rubber, but we make no claim to such constructions.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. An improved device for cleaning sinks and the like, comprising in a single unit but as three distinct members the combination of a brush, a squeegee, and a scoop or equivalent device, substantially as hereinbefore described.

2. The improved device for cleaning sinks and the like substantially as hereinbefore described or substantially as illustrated in the accompanying drawing.

Dated this 27th day of February, 1923.

BOULT, WADE & TENNANT,  
111/112, Hatton Garden, London, E.C. 1,  
Chartered Patent Agents.